

FIG. 1

FIG. 1

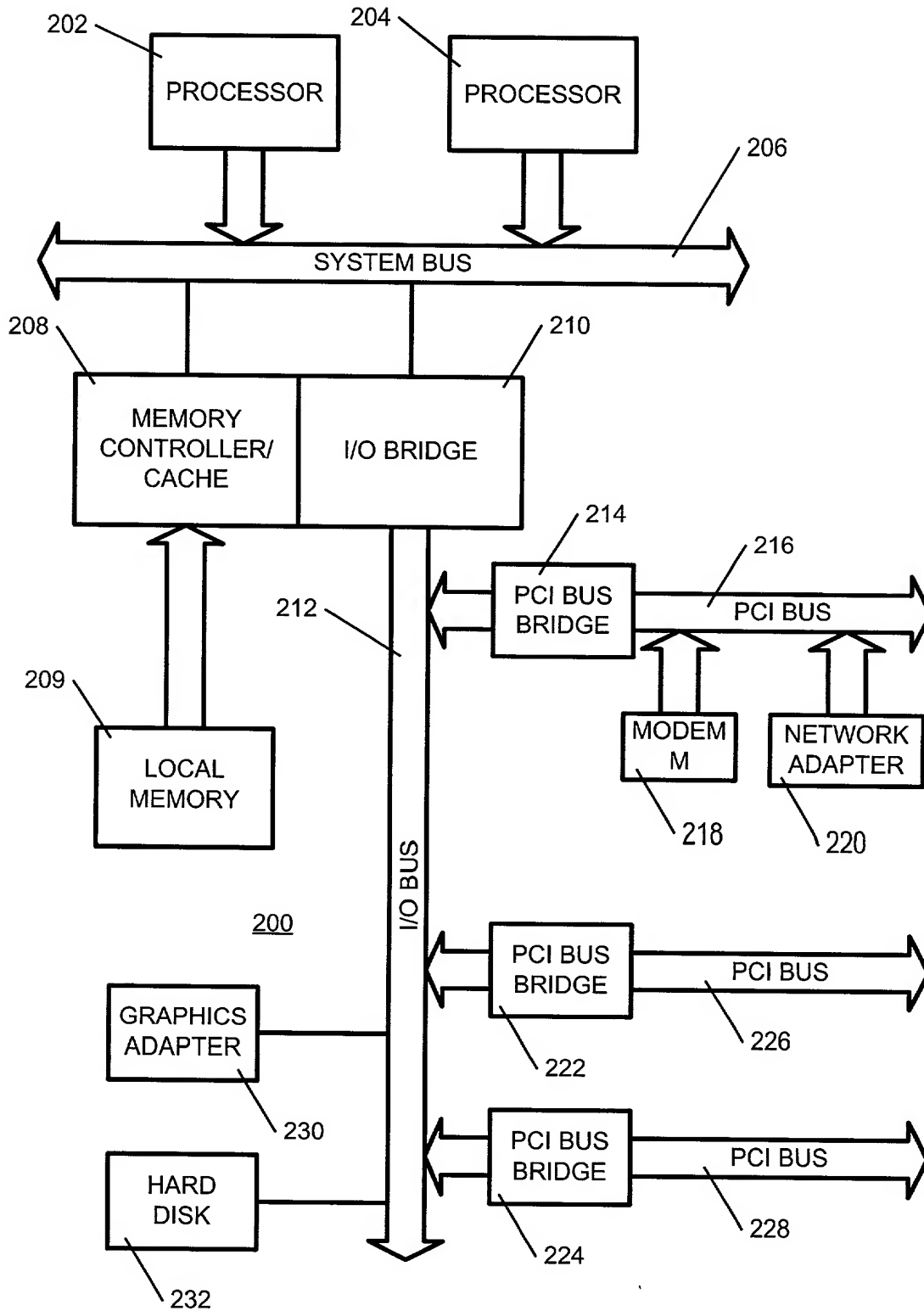


FIG. 2

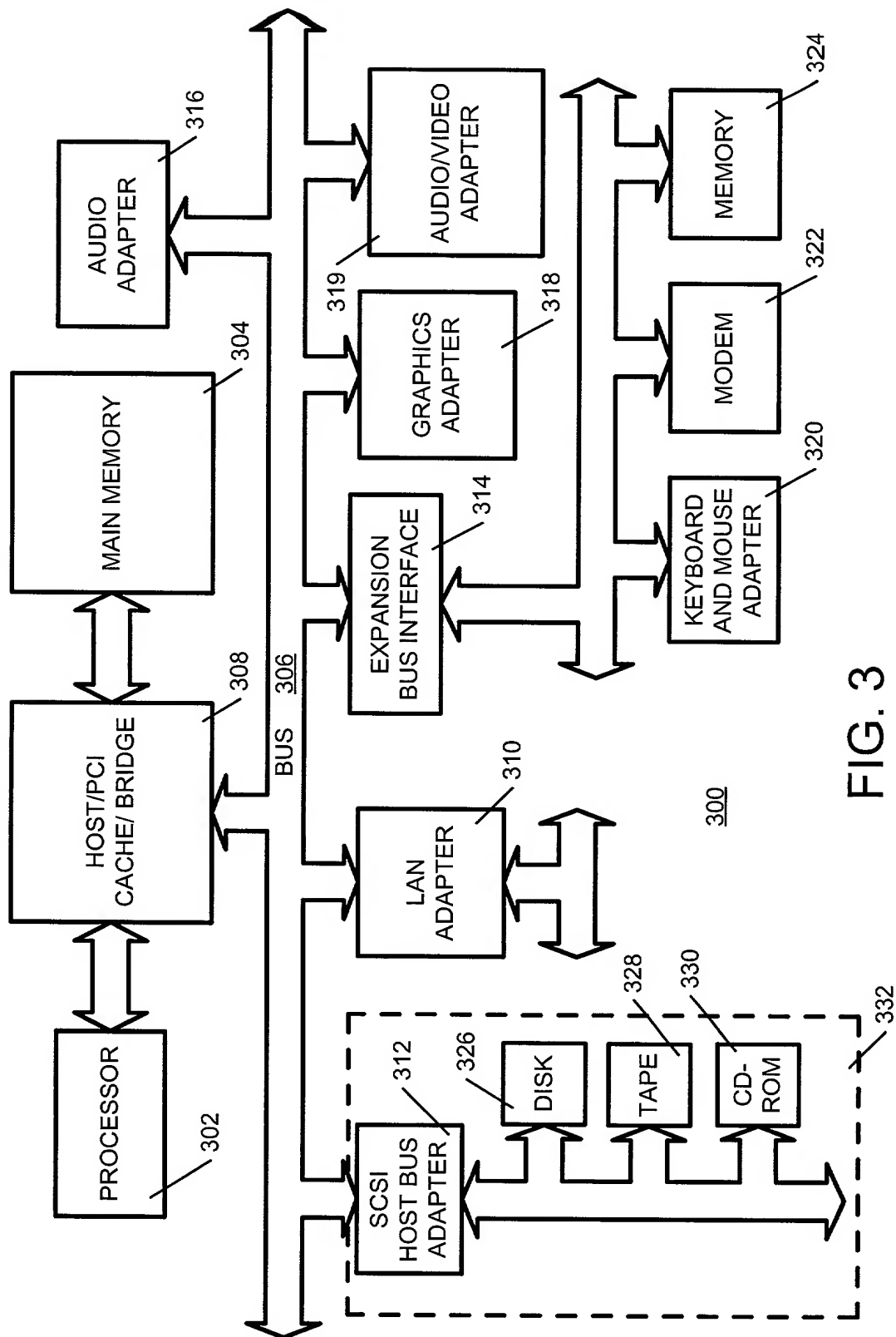


FIG. 3

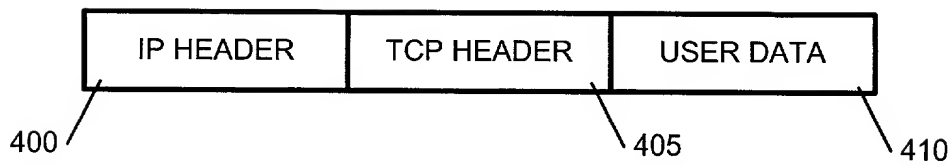


FIG. 4

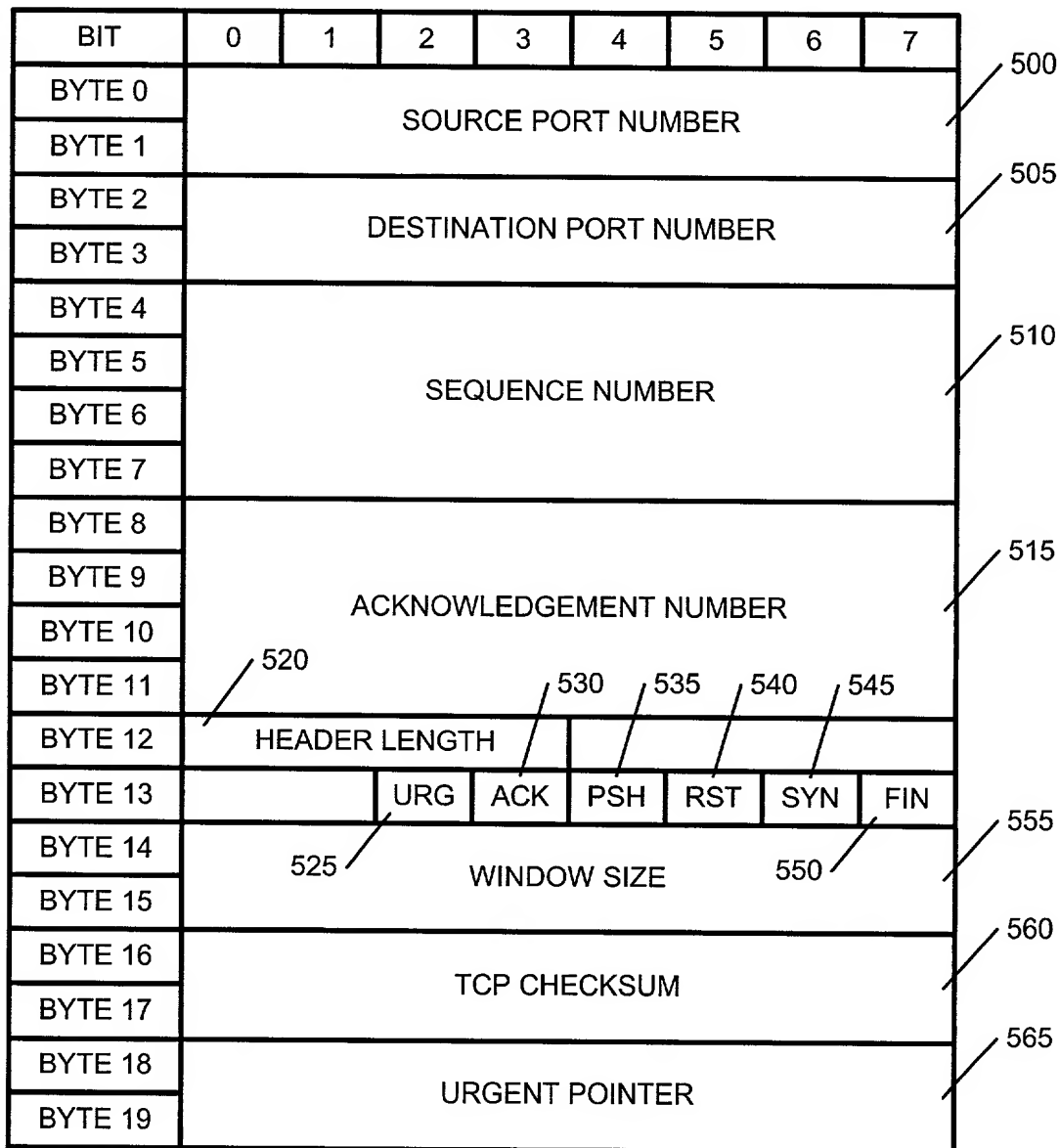


FIG. 5

```
<?XML VERSION="1.0"?>
<COMPANY NAME="INFORMATION STRATEGIES">
  <EMPLOYEES>
    <EMPLOYEE ID="1">HANK AARON</EMPLOYEE>
    <EMPLOYEE ID="2">BABE RUTH</EMPLOYEE>
  </EMPLOYEES>
</COMPANY>
```

FIG. 6

```
<EMPLOYEE ID="3">MICKEY MANTLE</EMPLOYEE>
<EMPLOYEE ID="4">TY COBB</EMPLOYEE>
```

FIG. 7

```
<?XML VERSION="1.0"?>
  <IP_HEADER>
    <TCP_HEADER>
      <TCP_CONNECTION>
        <SYN_SENT>SEQUENCE#</SYN_SENT>
        <SYN_RECEIVED>SEQUENCE#</SYN_RECEIVED>
        <ACK_RECEIVED>ACK#</ACK_RECEIVED>
        <ACK_SENT>ACK#</ACK_SENT>
      </TCP_CONNECTION>
    </TCP_HEADER>
  </IP_HEADER>
```

FIG. 8

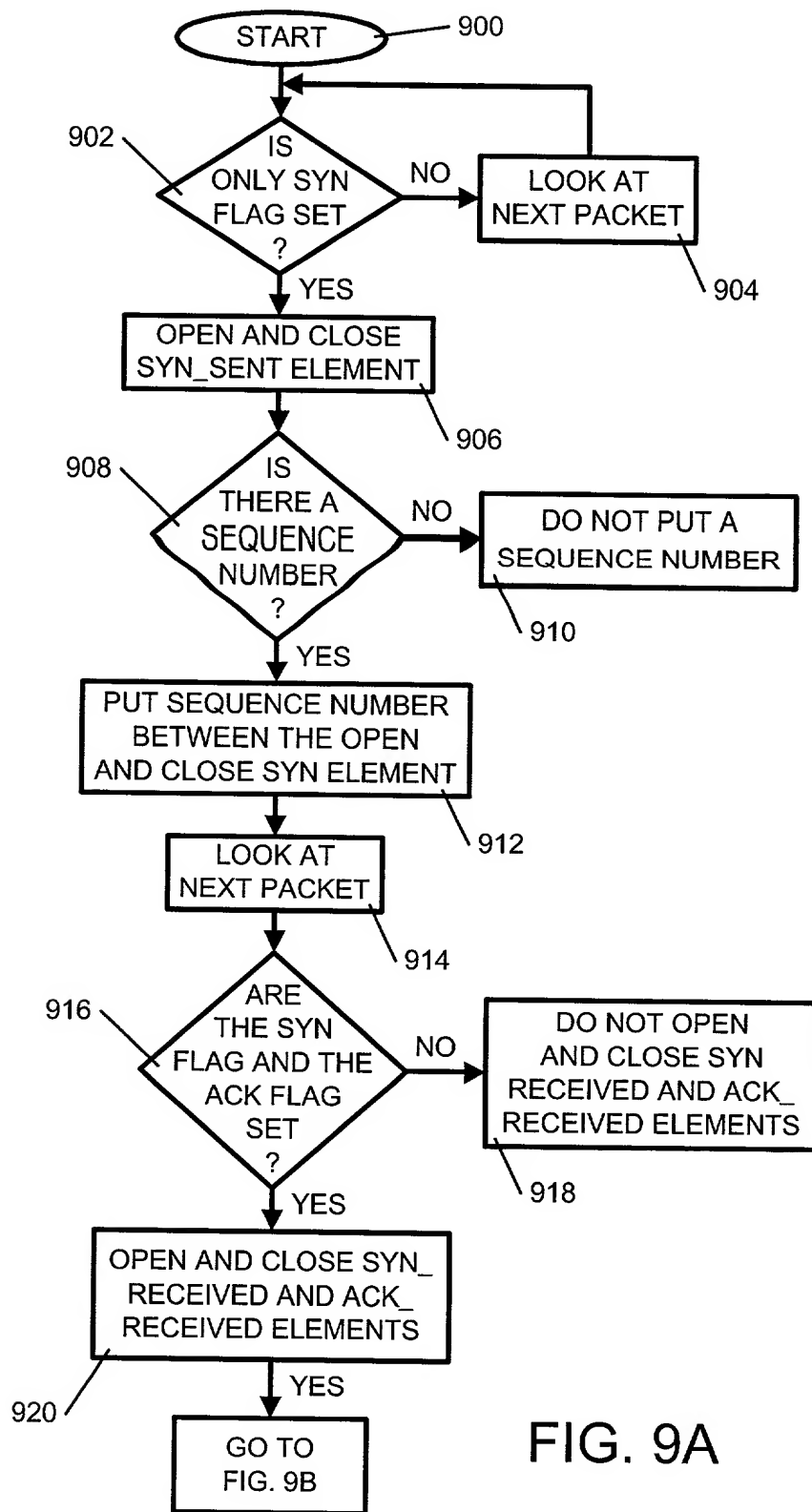


FIG. 9A

10060740601 6/22/92

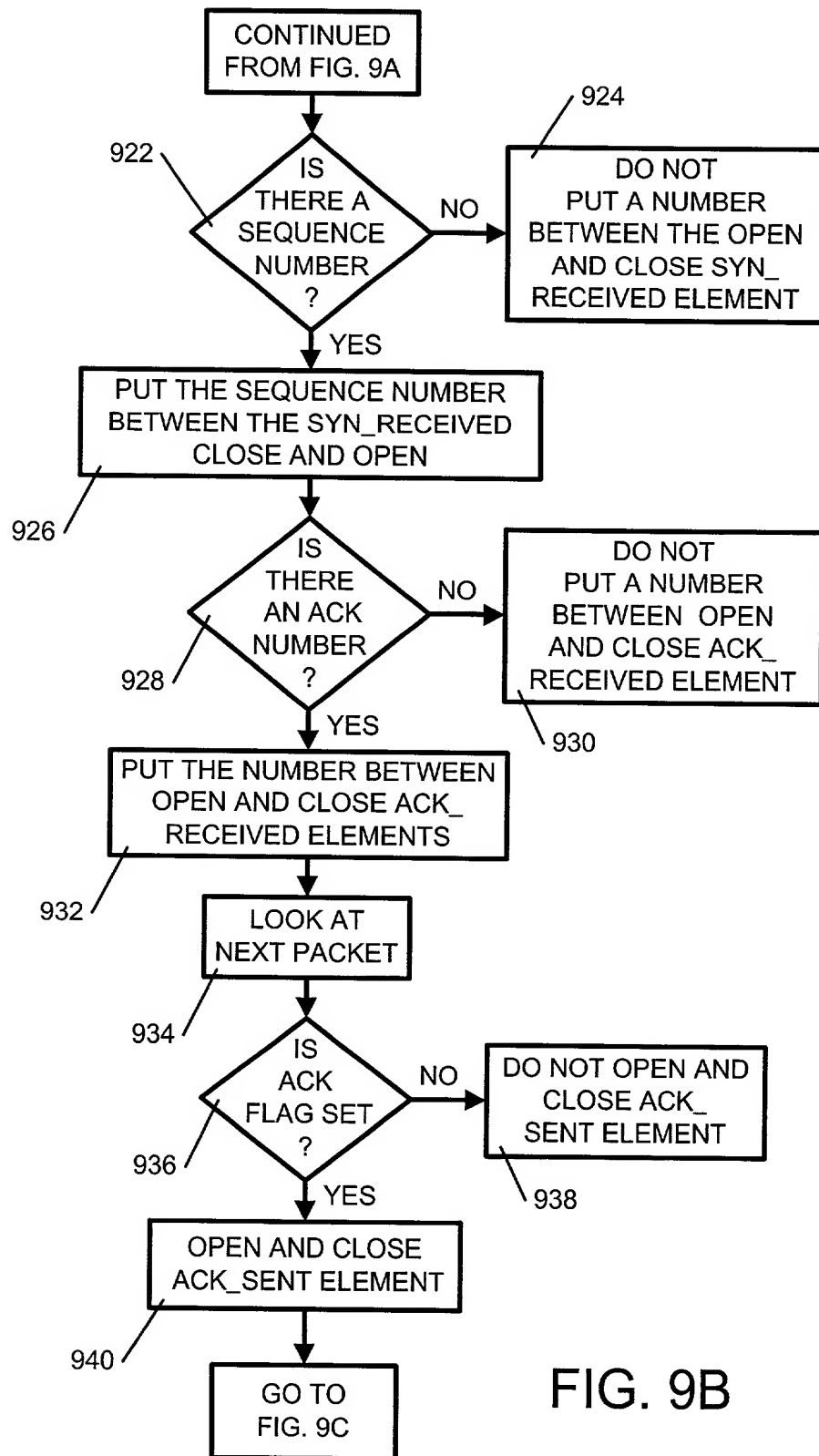


FIG. 9B

100609.10000001

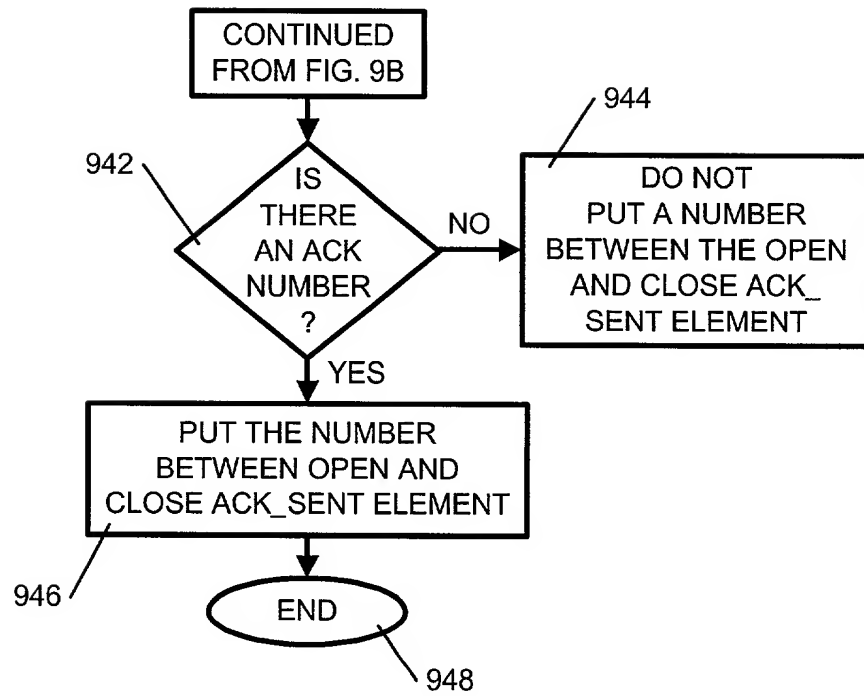


FIG. 9C



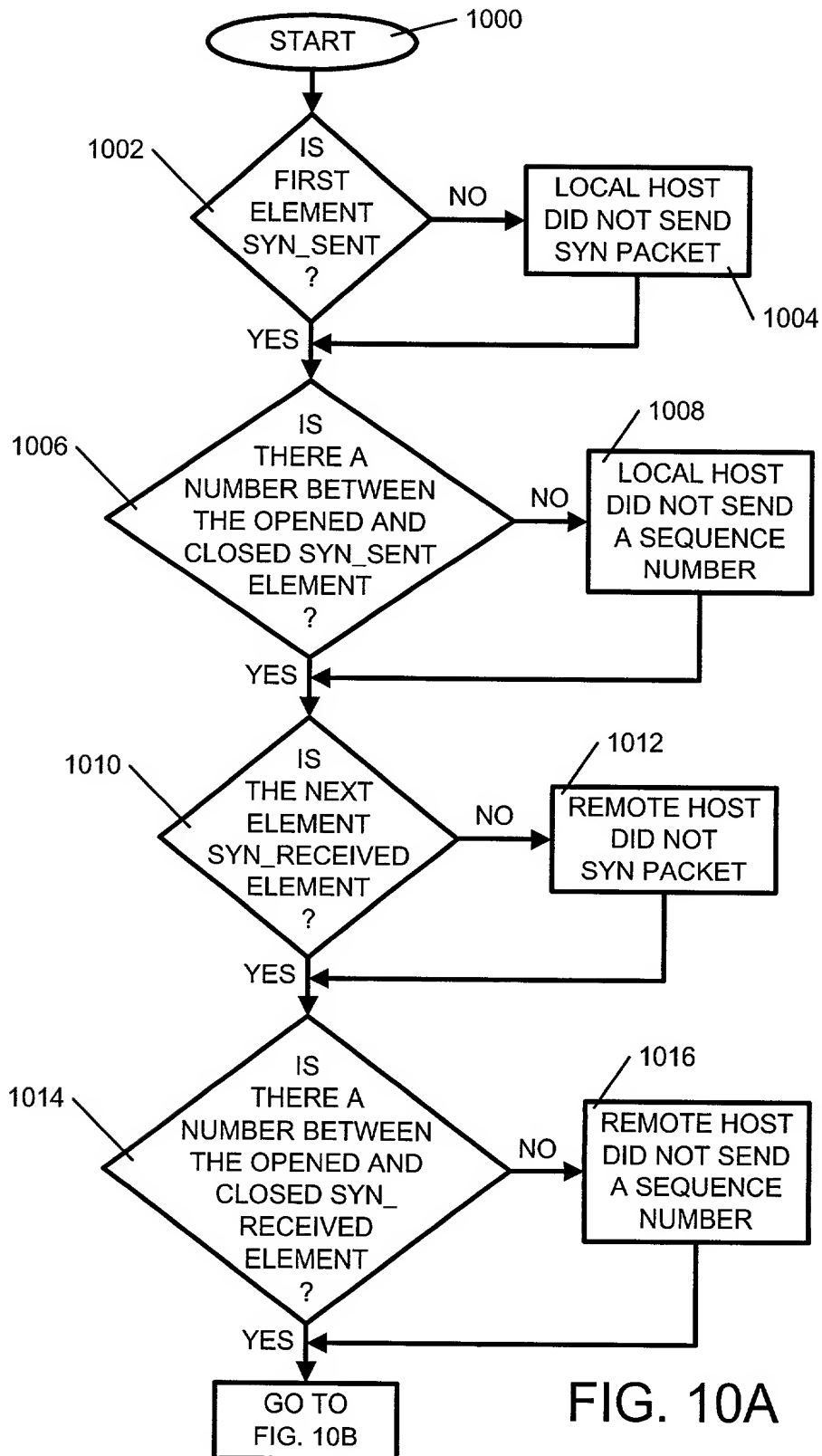
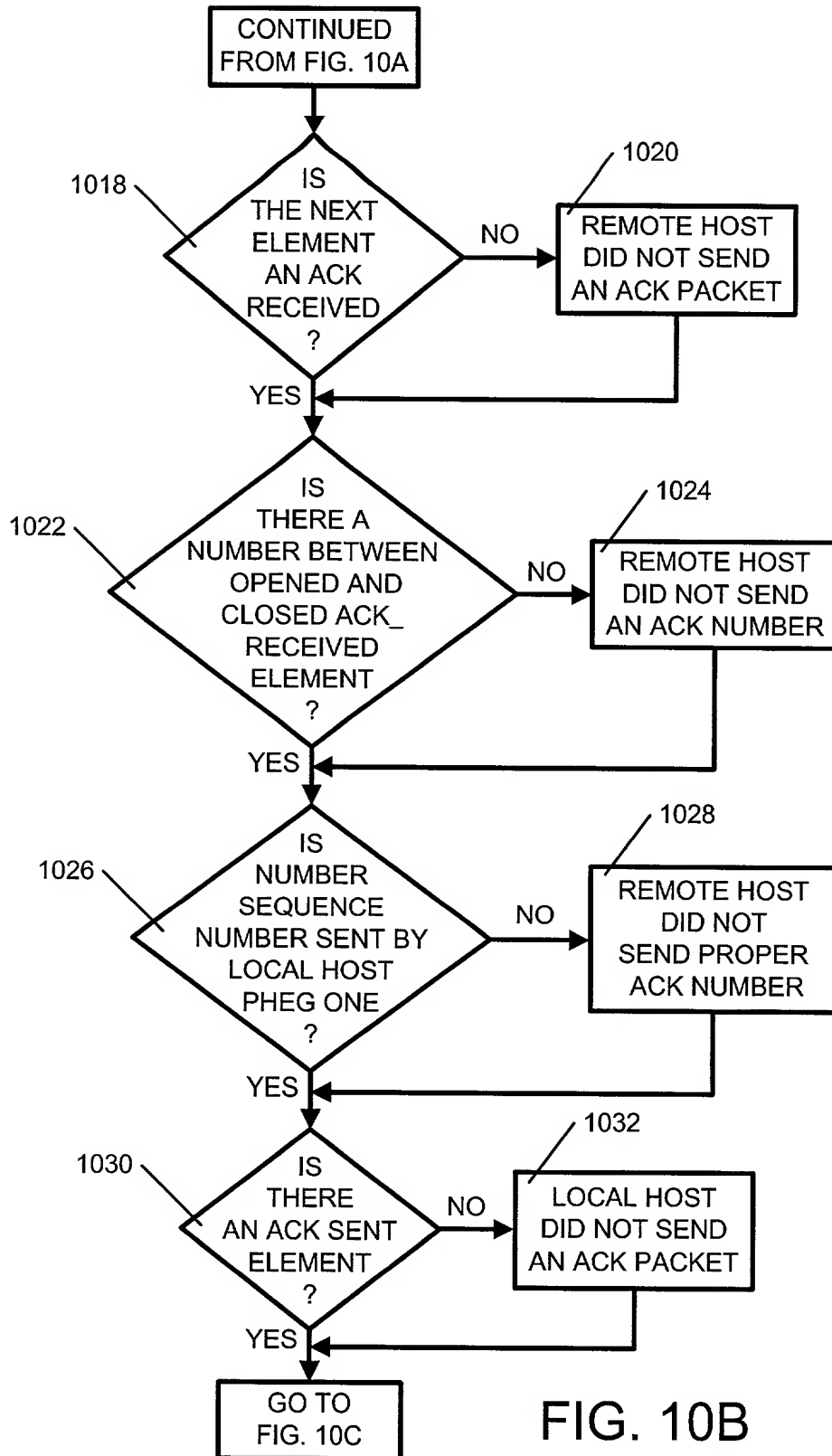


FIG. 10A



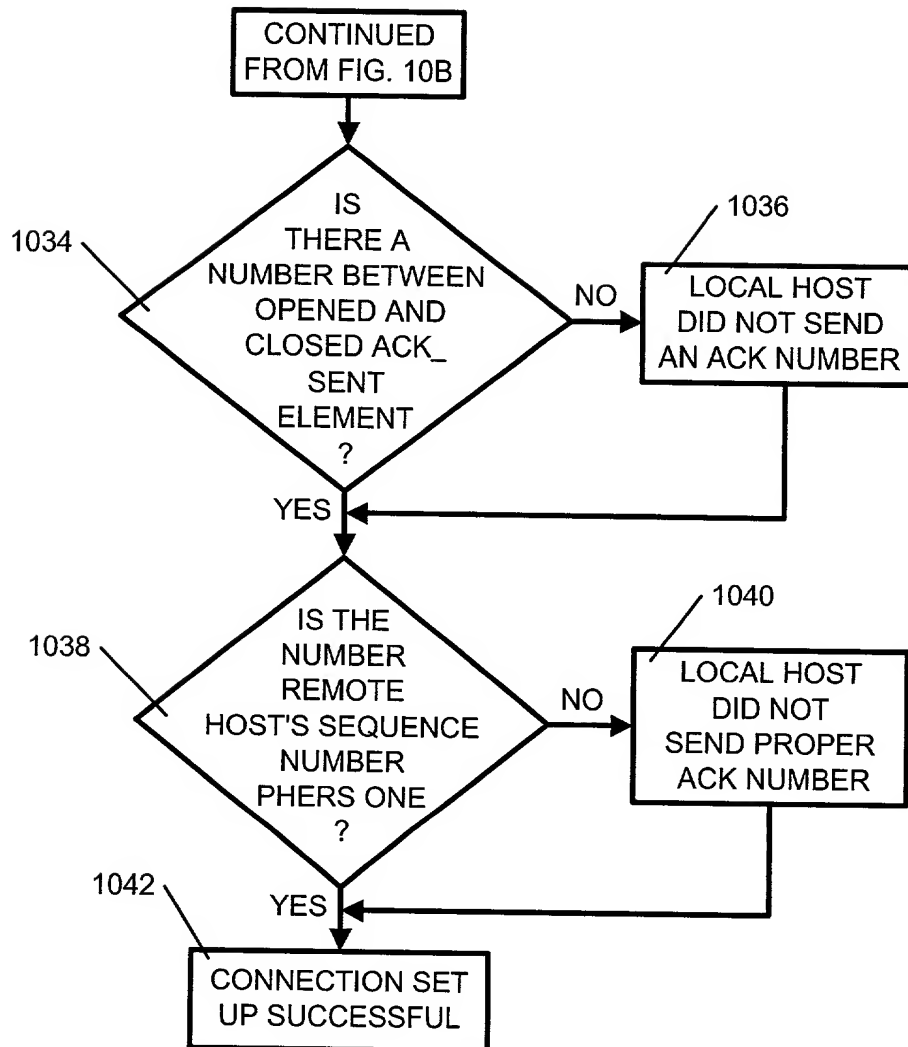


FIG. 10C

<?XML VERSION="1.0"?>  
<XS:SCHEMA XMLNS:XS="HTTP://WWW.W3.ORG/2001/XMLSCHEMA">  
  <XS:ELEMENT NAME="IP\_HEADER">  
    <XS:COMPLEXTYPE>  
      <XS:SEQUENCE>  
        <XS:ELEMENT NAME="TCP\_HEADER">  
          <XS:COMPLEXTYPE>  
            <XS:SEQUENCE>  
              <XS:ELEMENT NAME="TCP\_CONNECTION">  
                <XS:COMPLEXTYPE>  
                  <XS:SEQUENCE>  
                    <XS:ELEMENT REF="SYN\_SENT" MINOCCURS="0" MAXOCCURS="1"/>  
                    <XS:ELEMENT REF="SYN\_RECEIVED" MINOCCURS="0"  
                            MAXOCCURS="1"/>  
                    <XS:ELEMENT REF="ACK\_RECEIVED" MINOCCURS="0"  
                            MAXOCCURS="UNBOUNDED"/>  
                    <XS:ELEMENT REF="ACK\_SENT" MINOCCURS="0" MAXOCCURS=  
                            "UNBOUNDED"/>  
                  </XS:SEQUENCE>  
                </XS:COMPLEXTYPE>  
              </XS:ELEMENT>  
            </XS:SEQUENCE>  
          </XS:COMPLEXTYPE>  
        </XS:ELEMENT>  
      </XS:SEQUENCE>  
    </COMPLEXTYPE>  
  </XS:ELEMENT>  
</XS:SCHEMA>

FIG. 11

<?XML VERSION="1.0"?>  
 <IP\_HEADER>  
 <TCP\_HEADER>  
 <TCP\_CLOSE-CONNECTION  
 <FIN\_SENT>SEQUENCE#</FIN\_SENT>  
 <ACK\_RECEIVED>ACK#</ACK\_RECEIVED>  
 <FIN\_RECEIVED>SEQUENCE#</FIN\_RECEIVED>  
 <ACK\_SENT>ACK#</ACK\_SENT>  
 </TCP\_CLOSE-CONNECTION>  
 </TCP\_HEADER>  
 </IP\_HEADER>

FIG. 12

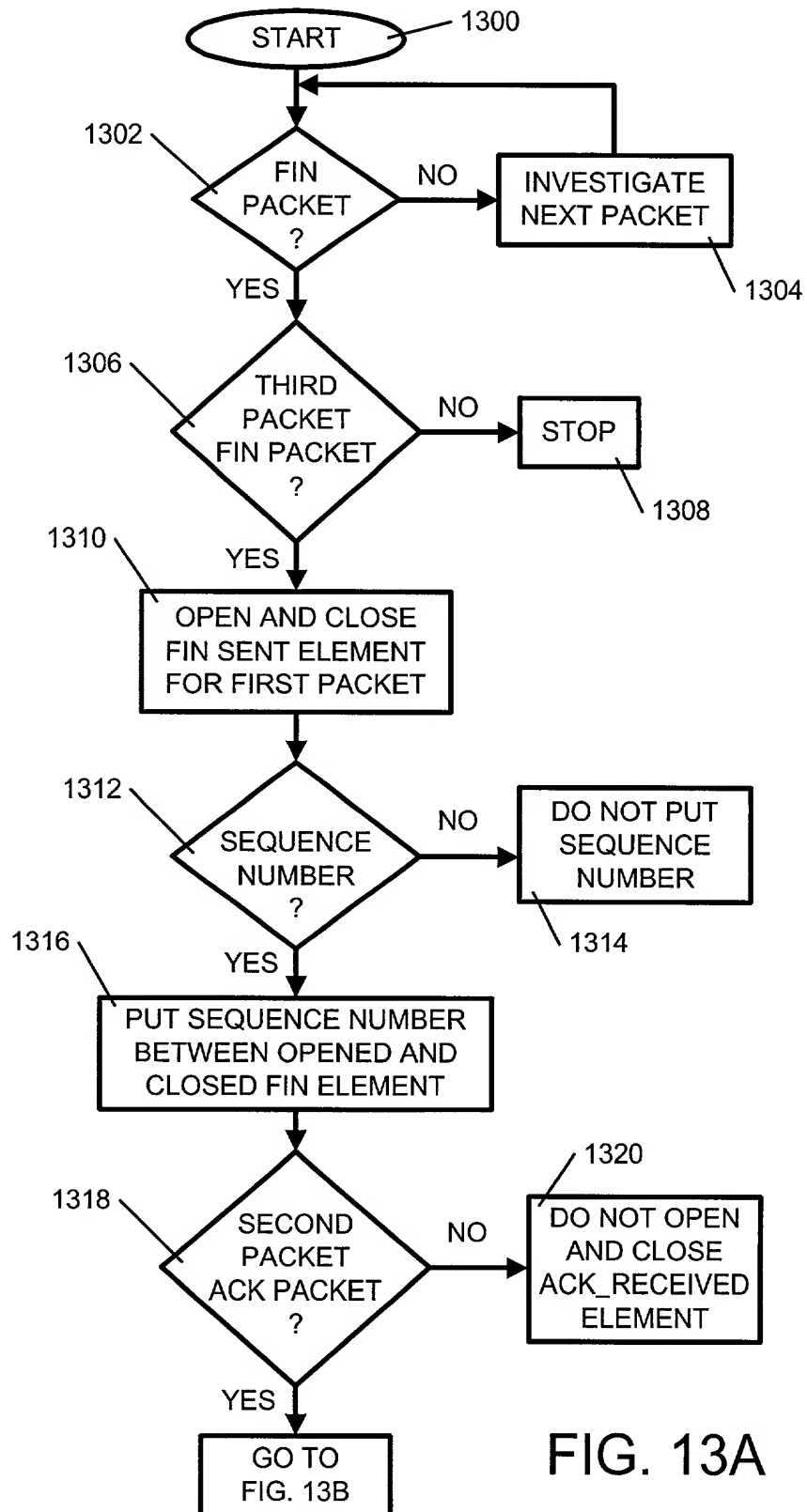
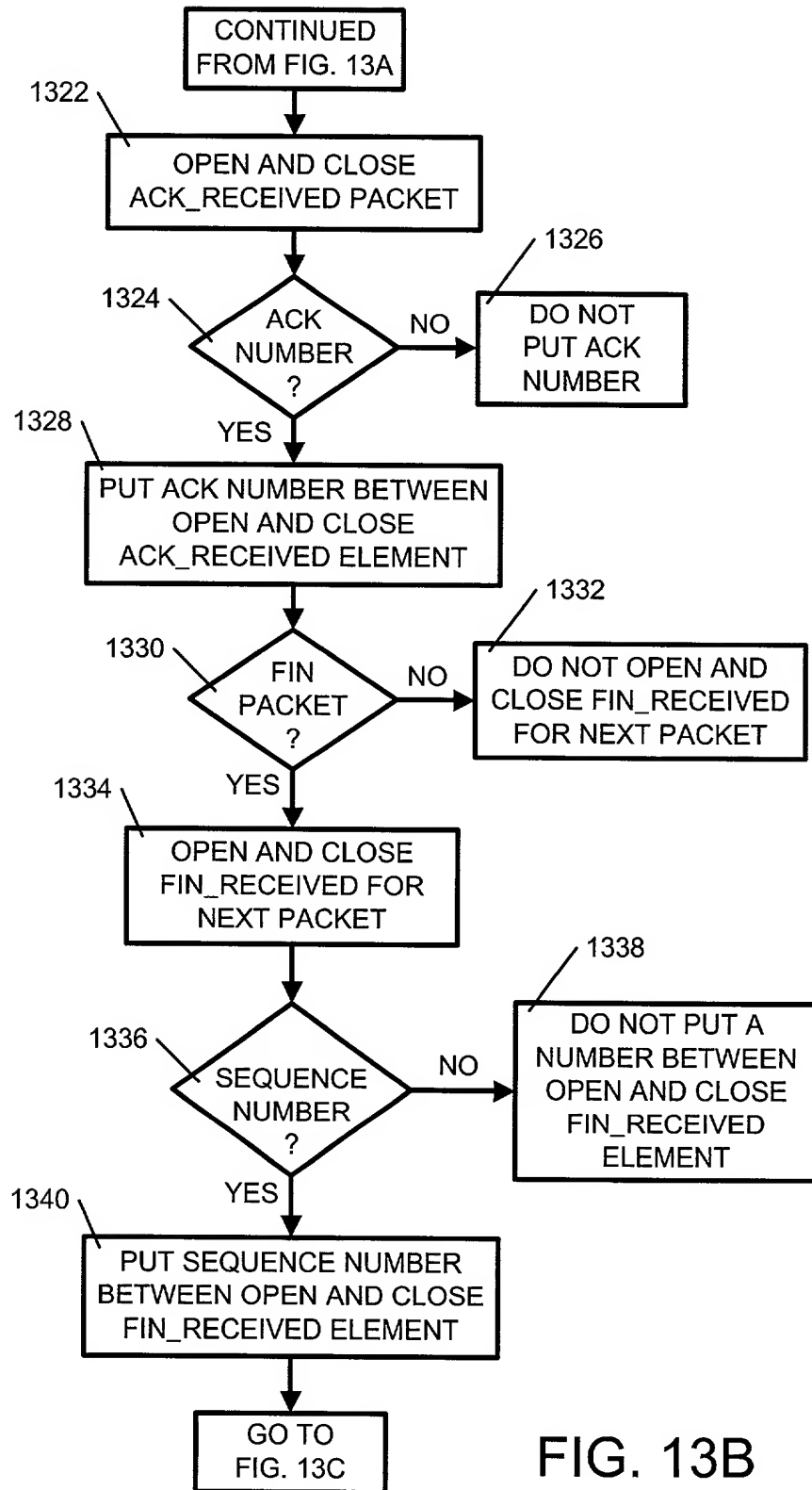


FIG. 13A



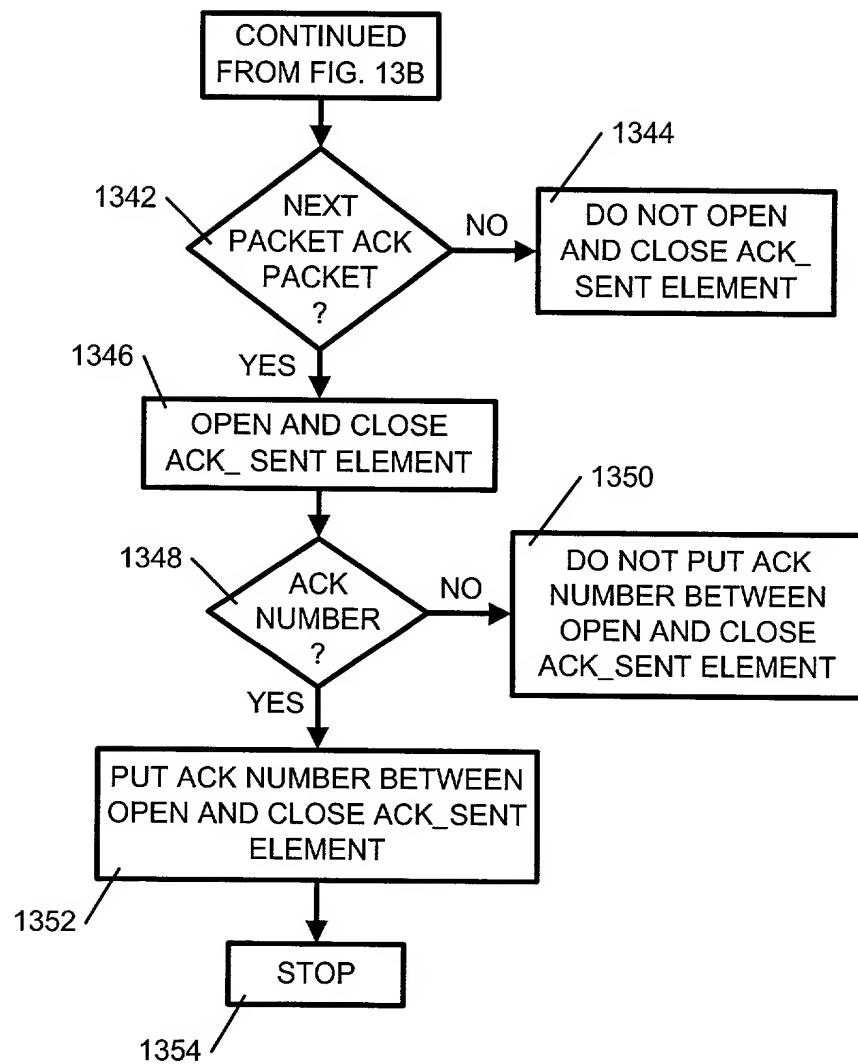


FIG. 13C



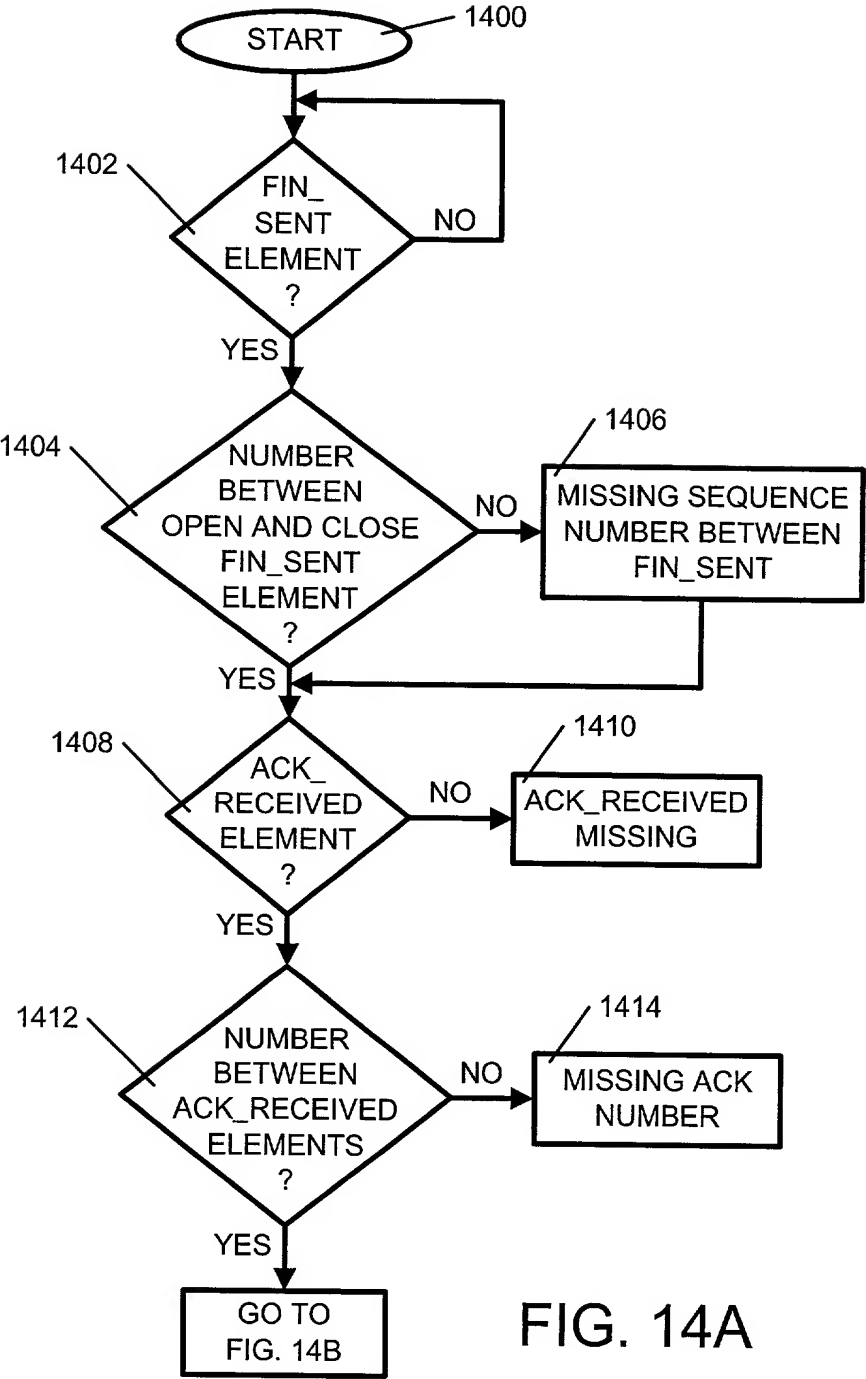
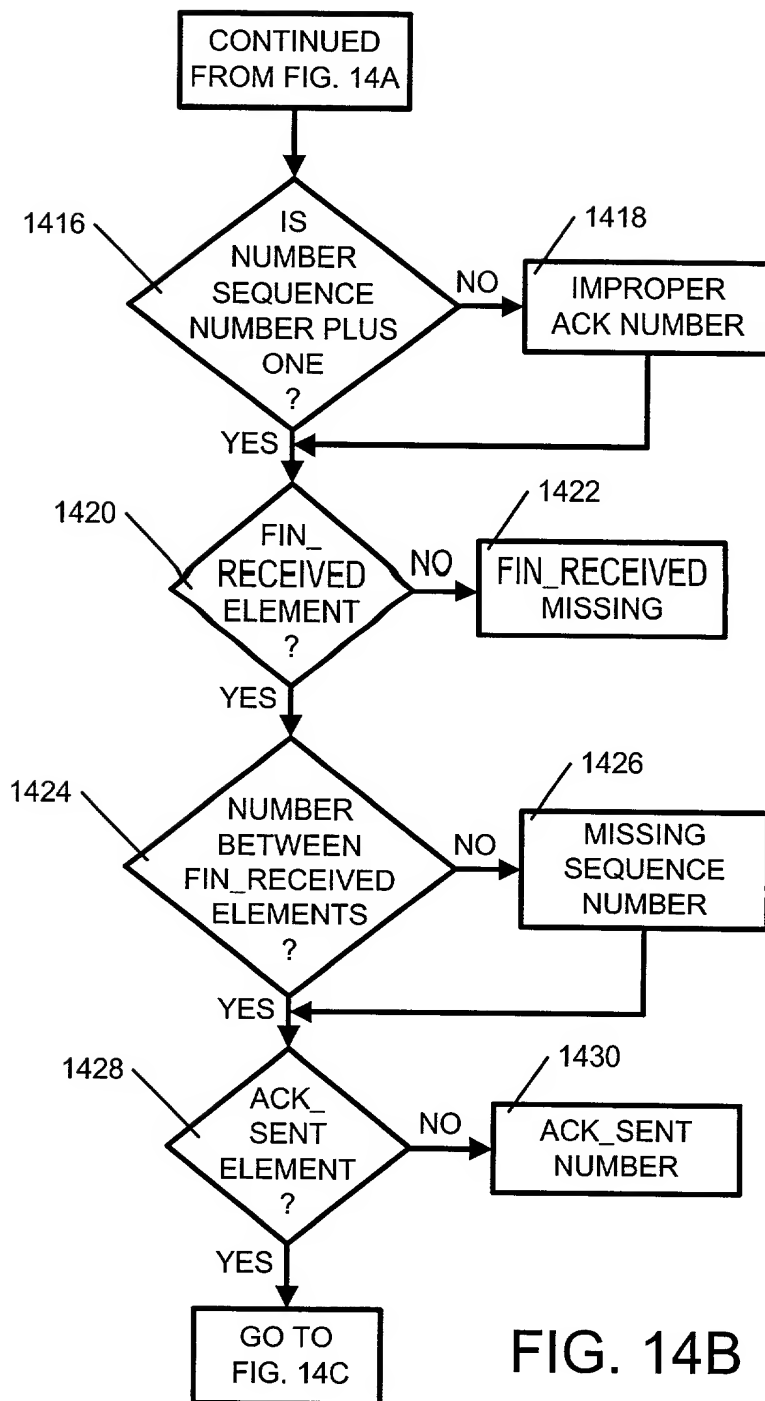


FIG. 14A

1006079-120601



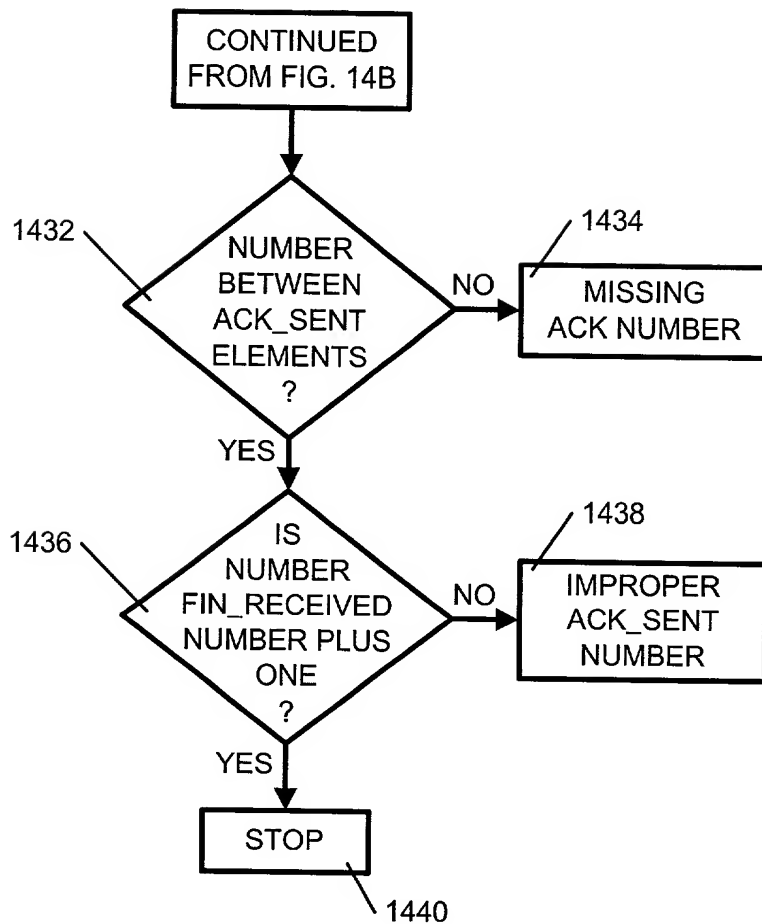


FIG. 14C

```

<?XML VERSION="1.0"?>
<XS:SCHEMA XMLNS:XS="HTTP://WWW.W3.ORG/2001/XMLSCHEMA">
  <XS:ELEMENT NAME="IP_HEADER">
    <XS:COMPLEXTYPE>
      <XS:SEQUENCE>
        <XS:ELEMENT NAME="TCP_HEADER">
          <XS:COMPLEXTYPE>
            <XS:SEQUENCE>
              <XS:ELEMENT NAME="TCP_CLOSE-CONNECTION">
                <XS:COMPLEXTYPE>
                  <XS:SEQUENCE>
                    <XS:ELEMENT REF="FIN_SENT" MINOCCURS="0"
                      MAXOCCURS="UNBOUNDED"/>
                    <XS:ELEMENT REF="ACK_RECEIVED" MINOCCURS="0"
                      MAXOCCURS="UNBOUNDED"/>
                    <XS:ELEMENT REF="FIN_RECEIVED" MINOCCURS="0"
                      MAXOCCURS="UNBOUNDED"/>
                    <XS:ELEMENT REF="ACK_SENT" MINOCCURS="0" MAXOCCURS="UNBOUNDED"/>
                  </XS:SEQUENCE>
                </XS:COMPLEXTYPE>
              </XS:ELEMENT>
            </XS:SEQUENCE>
          </XS:COMPLEXTYPE>
        </XS:ELEMENT>
      </XS:SEQUENCE>
    </XS:COMPLEXTYPE>
  </XS:ELEMENT>
</XS:SEQUENCE>
</XS:COMPLEXTYPE>
</XS:SCHEMA>

```

FIG. 15

GIL.1023>DEVO.LOGIN:S 768512(0) WIN 4096 <MSS 1024>  
DEVO.LOGIN>GIL.1023:S 947648:947648(0) ACK 768513 WIN 4096 <MSS 1024>  
GIL.1023>DEVO.LOGIN: .ACK 1 WIN 4096

FIG. 16

<?XML VERSION="1.0"?>  
<IP\_HEADER>  
  <TCP\_HEADER APP="RLOGIN" SPORT="1023" SHOST="GIL" RPORT="LOGIN"  
  RHOST="DEVO">  
    <TCP\_CONNECTION>  
      <SYN\_SENT WIN="4096" MSS="1024">768512:768512(0) </SYN\_SENT>  
      <SYN\_RECEIVED WIN="4096" MSS="1024">947648:947648(0)  
      </SYN\_RECEIVED>  
      <ACK\_RECEIVED WIN="4096" MSS="1024">768513  
      </ACK\_RECEIVED>  
      <ACK\_SENT WIN="4096 RELATIVESEQ="YES">1  
      </ACK\_SENT>  
    </TCP\_CONNECTION>  
  </TCP\_HEADER>  
</IP\_HEADER>

FIG. 17

<CONNECTION\_ESTABLISH>  
  <PARAMETER\_NEGOTIATION>  
  <DATA\_EXCHANGE>  
  ...  
  <WINDUP\_OPERATIONS>  
<CONNECTION\_CLOSE>

FIG. 18

```
<?XML VERSION="1.0"?>
<IP_HEADER>
  <TCP_HEADER >
    <SYN_RECEIVED>SEQUENCE# </SYN_RECEIVED>
    <SYN_SENT>SEQUENCE#</SYN_SENT>
    <ACK_RECEIVED>ACK#</ACK_RECEIVED>
    <ACK__SENT>ACK#</ACK_SENT>
  </TCP_HEADER>
</IP_HEADER>
```

FIG. 19

```
<?XML VERSION="1.0"?>
<IP_HEADER>
  <TCP_HEADER >
    <SYN_RECEIVED>SEQUENCE# </SYN_RECEIVED>
    <ACK_RECEIVED>ACK#</ACK_RECEIVED>
    <ACK__SENT>ACK#</ACK_SENT>
  </TCP_HEADER>
</IP_HEADER>
```

FIG. 20